



THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell

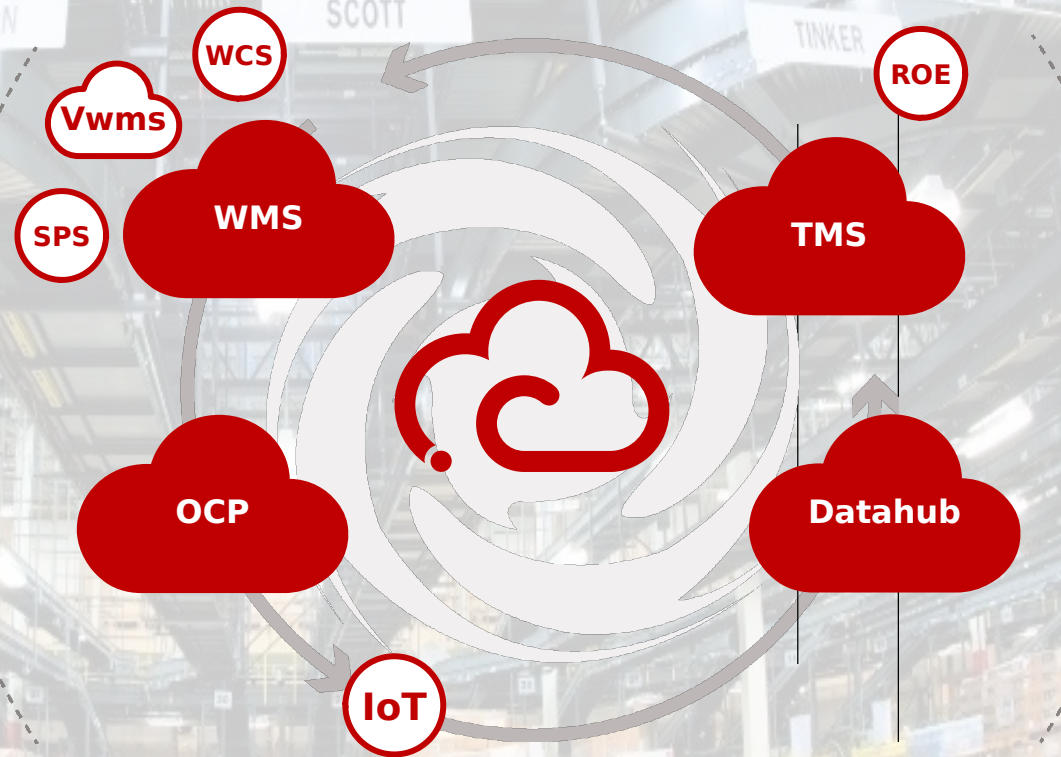
HONEYWELL LOGISTICS SOLUTIONS

SOLUTION OVERVIEW

Honeywell

Diverse Product Line & Specific to Industries

Visibility Intelligence Collaboration



Warehouse
Layout
Planning

Process
Redesign
d

Informatization
Strategic
Planning

Integrati
on
Services

Industries



Retail



E-C



High-tech



FMCG



Fashion



Fresh & Cold Chain



Manufacturing



Pharmaceutic
al



Food & Beverage



Maternal &
Child Care



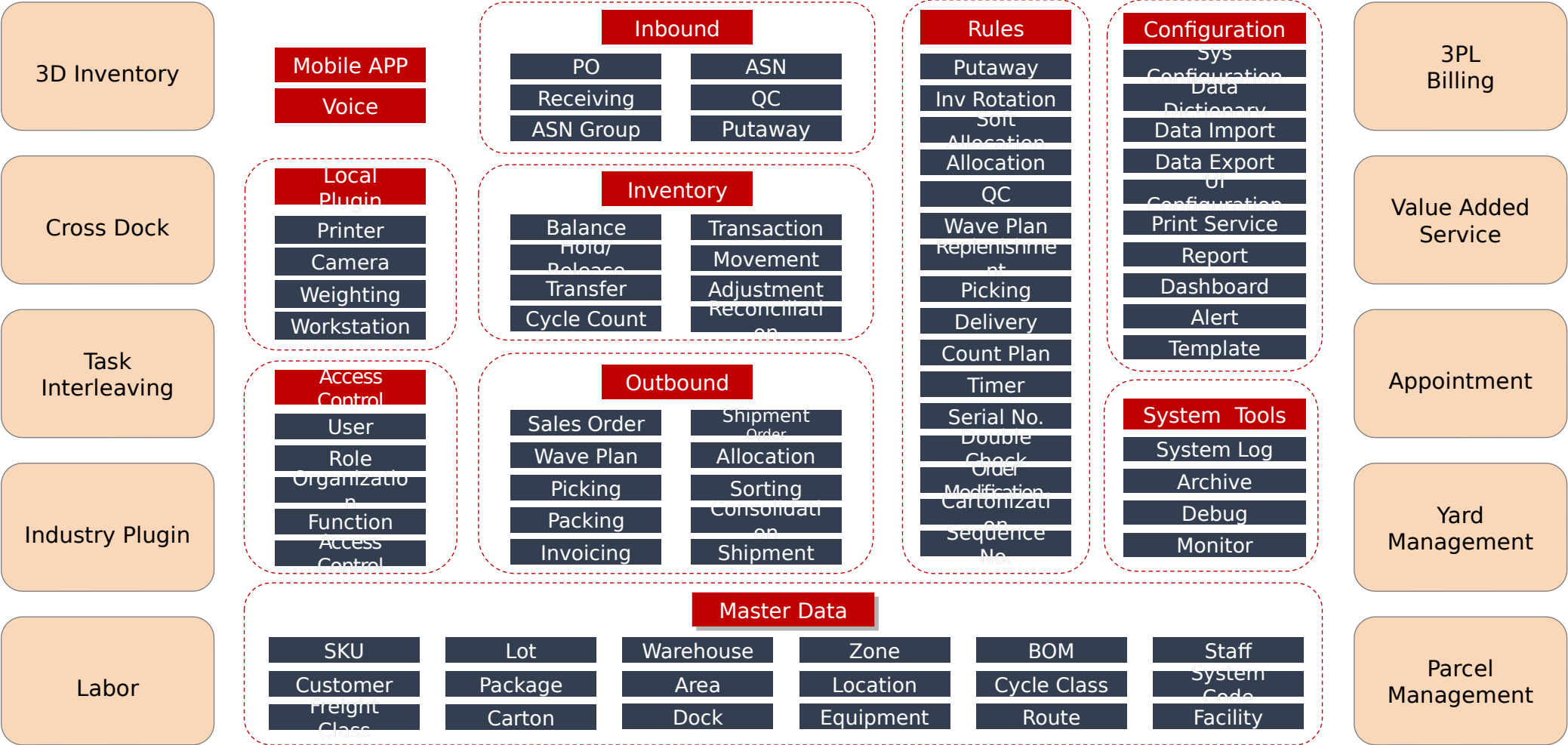
3PL



Others

COMPETITIVE POSITIONING AND DIFFERENTIATION

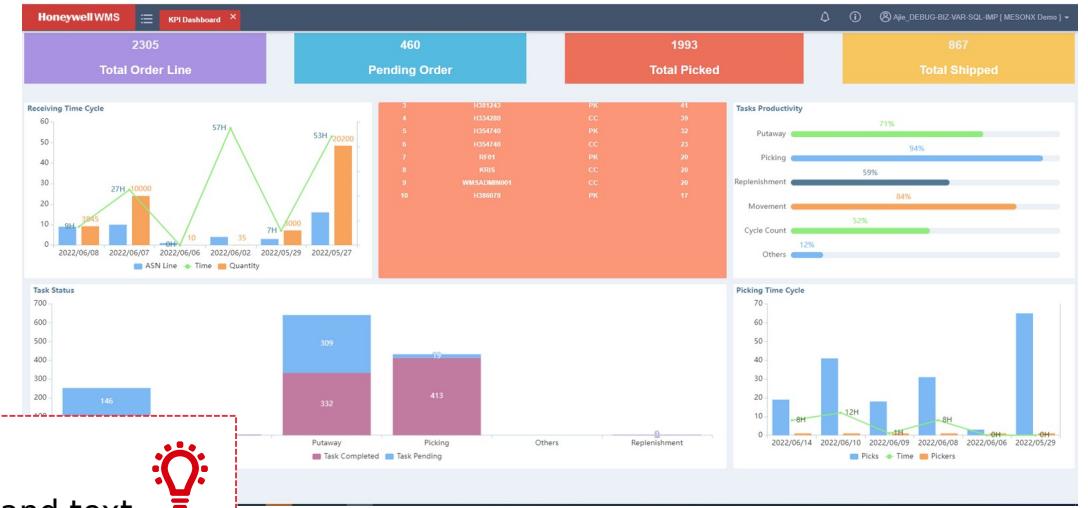
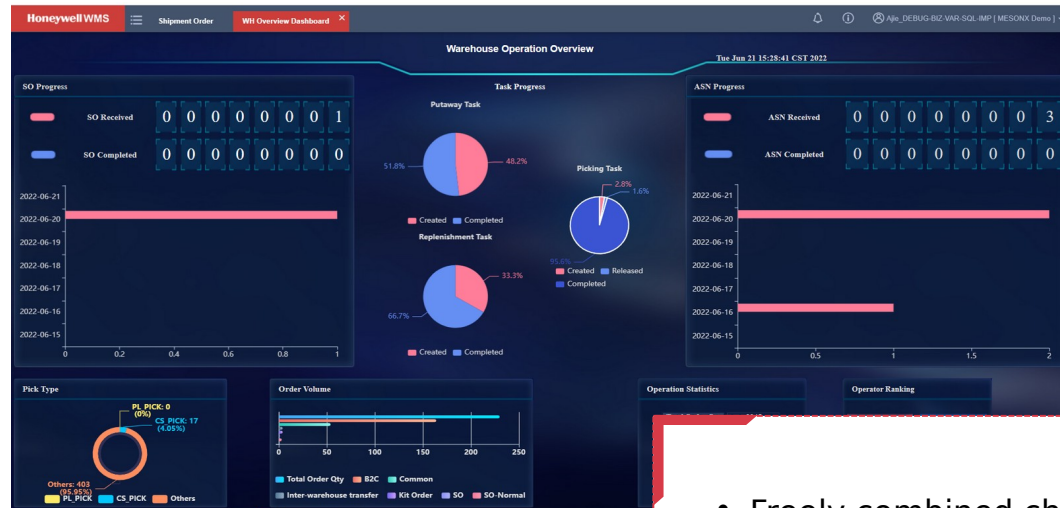
HONEYWELL WMS FUNCTION MODEL



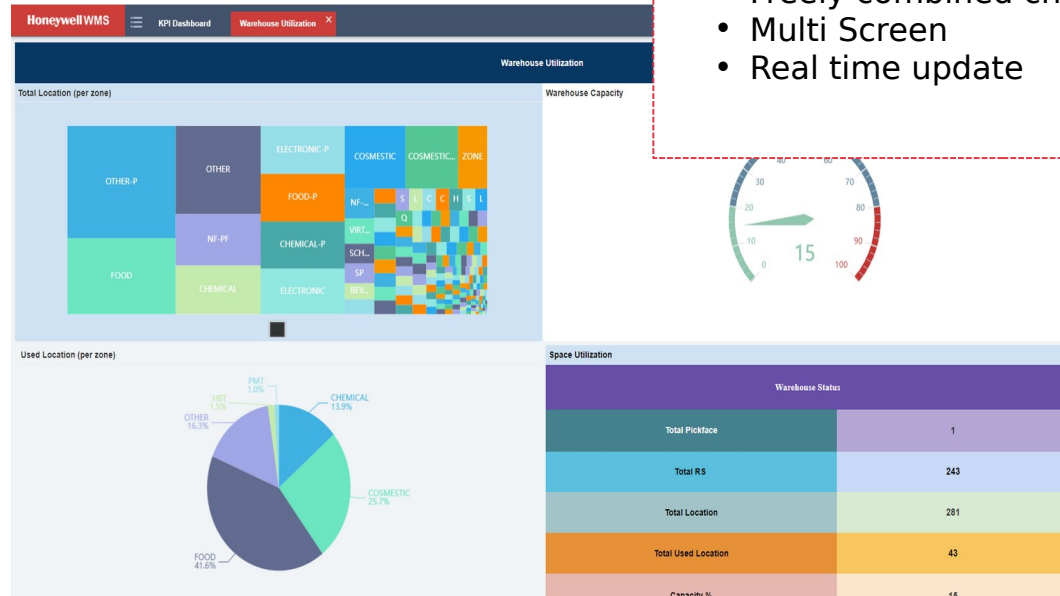
KEY FEATURE

Honeywell

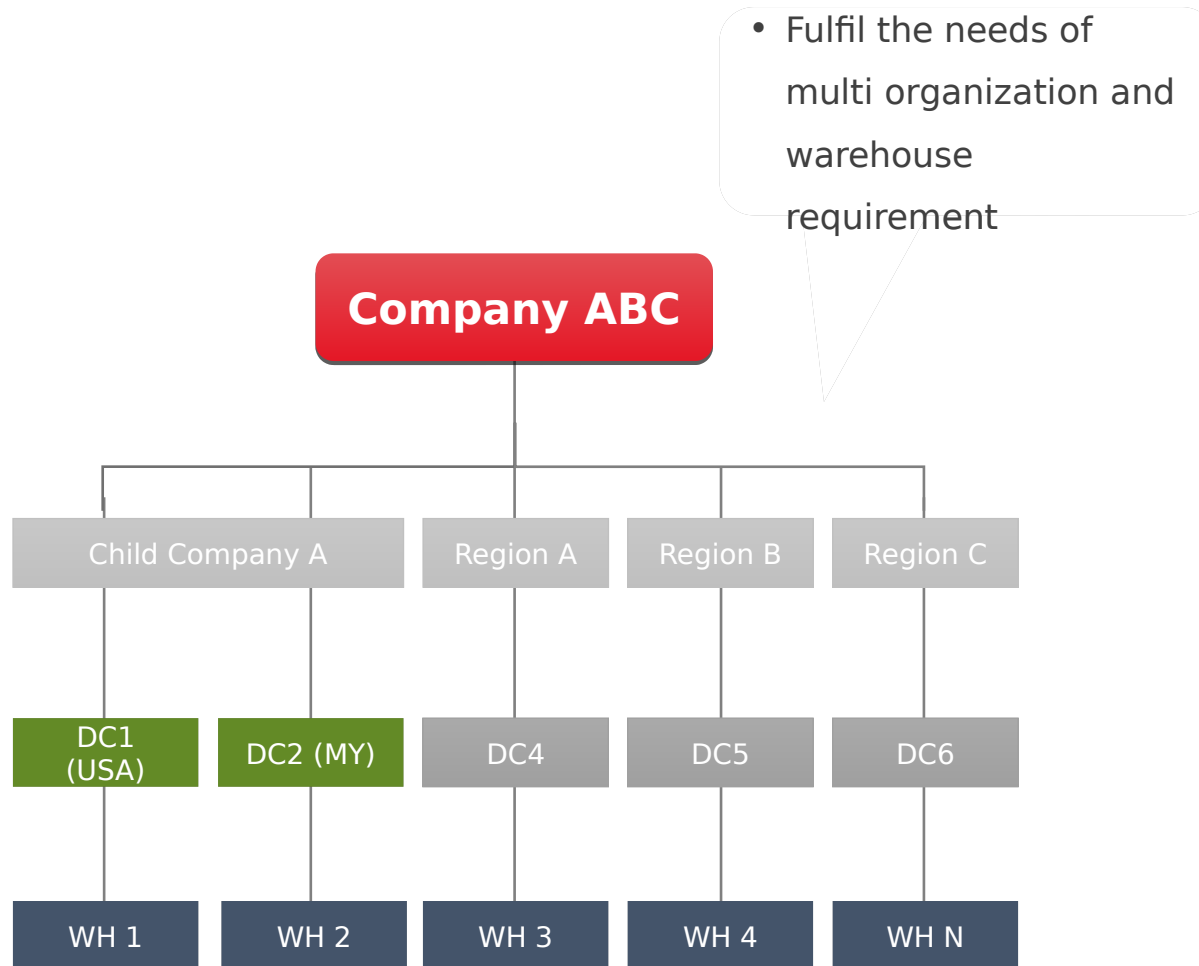
HONEYWELL WMS DASHBOARD



- Freely combined chart and text
- Multi Screen
- Real time update



MULTI ORGANIZATION ID/ WAREHOUSE/ CUSTOMER



■ Multi- Warehouse Operation Management

■ Support multi layer management control

- Company
- Region
- DC
- Warehouse
- Customer/Zone Group/Location

■ Role Authorization Management

- Assign based on role in the organization

■ Inventory in a Glance

- Different dimension on stock balance check

■ Transfer within Warehouses

- Transfer stock between warehouses
- Ownership Transfer

■ Owner of the Goods (Customer):

- Each SKU has thier own Customer ID
- Support 1 SKU to have multiple Customer ID.
- Each of the Customer ID has thier own receipt/document design

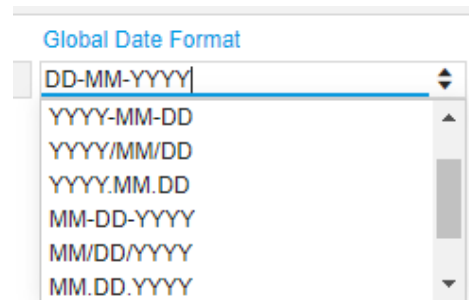
INTERNATIONALIZATION

■ Multi-Time Zone

Time zone based on user selection.



■ Multi Date Format



■ Multi-Language

1. English
2. Chinese
3. Thai
4. Bahasa Indonesia
5. Vietnamese

HIGHLY CONFIGURATION - INTERFACE

The screenshot displays the Honeywell WMS Function Config-PO interface. The browser address bar shows the URL: `http://test.longbinhlogistics.com:18080/logincenter/w`. The page title is "Honeywell WMS". The main navigation bar includes "Warehouse Management", "PO", and "Function Config-PO". The current configuration is for "Scheme Selection: Thai", "Application Warehouse: KUBOTA01,KUBOTA02", and "Application Role: THAIPOC_IN,THAIPOC".

The interface is divided into several sections:

- Data Source**: Thai
- UDF Grid**: Application Warehouse: KUBOTA01,KUBOTA02, Application Role: THAIPOC_IN,THAIPOC
- UDF Form**: Save Scheme, Refresh Scheme, Restore Default

The **UDF Form** section is further divided into:

- Function Items**: Query Condition, More Query Condition, Header Editor Form
- Design Area**: Restore Default, +, ข้อมูลหลัก / Main Info, ขัพพลาเยอร์ / Supplier, Issue Party, User-defined, Interface, Other
- Property Panel**: Form Properties, Tab Attribute, Control Properties

The **Design Area** contains a grid of fields:

เลขที่ใบสั่งซื้อ / PONO	สถานะ / PO Status	ประเภท / PO Type	PO Creation Time	Warehouse ID
Customer ID	Customer Descr	Expected Arrive Time	Expected Arrive Time	
PO Reference1	PO Reference2	PO Reference3	PO Reference4	PO Reference5

The **Property Panel** shows the following properties:

- Control Properties : Combo
- UDF Flag : Y
- Control Properties: Combo
- Field Id: poStatus
- Text Description: PO Status
- UDF Text Description: สถานะ / PO Status
- Not Empty: ON
- Disable: ON
- Open Multiple Selection: OFF
- Width: [Slider]
- Default Values: [Dropdown]

PROCESS CONFIGURABLE - PARAMETERS

Honeywell WMS

System Config

Add

Copy

Delete

Print

Operation

Export

Edit

...

Config ID	Config Descr	Conf...	Category	Default Value	Active Fla
☐ 1ST_SEG_OPT	First Segementation before PTL operation	100	INB-Sowing	Y	Y
☐ 3PL_BIL	Billing Config	100	COM-Bill	N	Y
☐ ADJUSTMENT_A...	Automatic close adjust document after adjustment	100	INV-Adjustment	Y	Y
☐ ADJ_HLD_INV	Allow adjust the qty of inventory on hold	100	INV-Frozen	Y	Y
☐ ALC_AND_PCK	Confirm picking when manual allocate	100	OUT-Allocation	N	Y
☐ ALC_DIM_CAL	Cubic, Gross Weight, et Weight and Price of allocation details calculated from the data of...	100	OUT-Allocation	N	Y
☐ ALC_SOR_LOC	Allow allocate the inventory from sortation location.	100	OUT-Allocation	N	Y
☐ ALT_MSG_TIM	Message Pushing Timer	100	COM-Configure	0	Y
☐ ALT_SKU	Open SKU alias management function	100	COM-Expand	N	Y
☐ APP_DCK_OVL	Allow time window override in dock management function	100	COM-JOB	APP_DCK_OVL	Y
☐ ARC_DB_MAP	Mapping between production DB and archive DB	100	COM-Configure	ARCHIVE	Y
☐ ASN_CLS_CTL	Is ASN with 00 status allowed to close	100	INB-Order	Y	Y
☐ ASN_DSP_LOC	Whether the warehouse acceptance report shows the storage location	100	INB-Print	N	Y
☐ ASN_DSP_QTY	Does the printed storage task list display quantity information?	100	INB-Print	N	Y
☐ ASN_GEN_TID	Generate Trace ID upon Receiving (No Palletize) if no TraceID assigned	100	INB-Receiving	N	Y
☐ ASN_LNK_QC	ASN generation of quality check sheet automatically jump	100	INB-Order	N	Y
☐ ASN_LOT_CHK	Check lotatt when saving ASN	100	INB-Order	N	Y
☐ ASN_MDT_CHK	The manufacturing date of receiving goods cannot earlier than the manufacturing date o...	100	INB-Order	N	Y
☐ ASN_MOD_ATH	Change attachment when ASN closed	100	INB-Order	N	Y
☐ ASN_MOD EDI	Allow change the ASN EDI page after ASN closed	100	INB-Order	N	Y
☐ ASN_MOD_SUM	Allow change the summary page after ASN closed	100	INB-Order	N	Y
☐ ASN_RCV_UPD	Update ASN details with received inventory lot attribution	100	INB-Order	Y	Y
☐ ASN_RLS_CTL	Default ASN order release status (Y: release)	100	INB-Order	Y	Y
☐ ASN_SPL	Create sub-ASN when partially received ASN closed: YES: Automatically createNO: No s...	100	INB-Order	OPTIONAL	Y
☐ ASN_SPL_CTL	Supplier Information must be provided	100	INB-Receiving	N	Y
☐ ASN_SPI_RF.I	Does ASN consider the amount of rejection when it closes the generating bill	100	INB-Receiving	Y	Y

Honeywell WMS

System Code

+

Add

+

Copy

-

Delete

+

Print

+

Operatic

+

Add

+

Copy

-

Delete

+

Print

+

Operation

+

Export

+

Edit

...

▼

Code Type	Code Type Descr	Show Sequence
☐ ABC_CAL_BAS	ABC Calculation ...	100
☐ ABC_RNK_BY	ABC Rank By	100
☐ ACTIVITY_RESULT	Operation Result	100
☐ ADD_TO_SOW	When to generate...	100
☐ ADJ_HDR_UDA	ADJ_HDR_UDA	100
☐ ADJ_HDR_UDB	ADJ_HDR_UDB	100
☐ ADJ_STS	Adjustment Status	100
☐ ADJ_TYP	Adjustment Type	100
☐ AFFILIATED_AGE...	Affiliated Ggency	100
☐ ALC_COD	Allocation Rule	100
☐ ALC_TYP	Allocation Method ...	100

Form Details

Details

Customer ID	Category	Code Type	Code ID	Code Descr
☐ *	*	ADJ_STS	00	Create
☐ *	*	ADJ_STS	02	Partial Approved
☐ *	*	ADJ_STS	03	Approved
☐ *	*	ADJ_STS	05	Partial Adjustment
☐ *	*	ADJ_STS	10	Complete
☐ *	*	ADJ_STS	90	Cancel
☐ *	*	ADJ_STS	99	Close

Features

• 500+Parameters, Simply switch on/off to activate or deactivate a business process / logic.

- ✓ Support WCO
- ✓ Warehouse
- ✓ Customer
- ✓ Order Type

BUSINESS CONFIGURABILITY - RULES

Rich Configurable Rules

Putaway

Quality
Check

Sequence

Serial No

Rotation

Replenishmen
t

Pre-allocation

Allocation

Wave Plan

Wave
Dispatch

Route

Delivery

Auto-shipment

Schedule
Tasks

The image displays three screenshots of the Honeywell WMS interface, illustrating the configuration of different types of rules.

Top Screenshot: Replenishment Rule

- Query Condition:** Warehouse ID, MFG, Replenish ID, Replenish Descr.
- Main Info:** Warehouse ID, Replenish ID, Replenish Descr, Customer ID.
- Putaway Rule:** Case RPL Putaway, Clear Location.

Middle Screenshot: Putaway Rule

- Query Condition:** Rotation ID, Rotation Descr.
- Form Details:** Rotation ID, LOTATT Name, LOTATT Label 1, SEQNO, Sorting, Match Value.
- Details:** STANDARD, lotAtt03, FIFO Date, 1, Smallest->Largest, N.

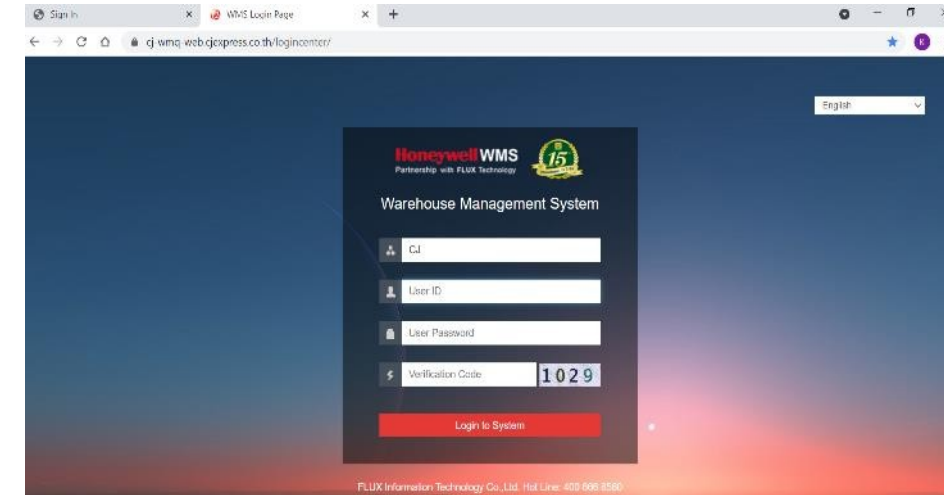
Bottom Screenshot: Putaway Rule

- Query Condition:** Warehouse ID, Putaway ID, Putaway Descr.
- Form Details:** Putaway ID, Line Number, Putaway Rule, Active Flag, Putaway Zone, Source Location, Destination Location.
- Details:** 19, 02- If Received In "From Location", Then Search Suitable Location in Specified Zone, Active Flag.
- Limit Main:** LOTATT Restriction, Limit Addition 01, Limit Addition 02, Limit Addition 03, User-defined, Other.
- Location Limit:** Location Status Includes1, Location Status Includes2, Location Status Includes3, Location Status Includes4.
- Space Limit:** Dimension Restrictions1, Dimension Restrictions2, Dimension Restrictions3, Dimension Restrictions4.
- Receipt Type:** Purchase Receiving, Pack UOM, SKU Cycle Class, A Class.

Rules involve the control of core workflows, users can dynamically adjust those on demand after training.

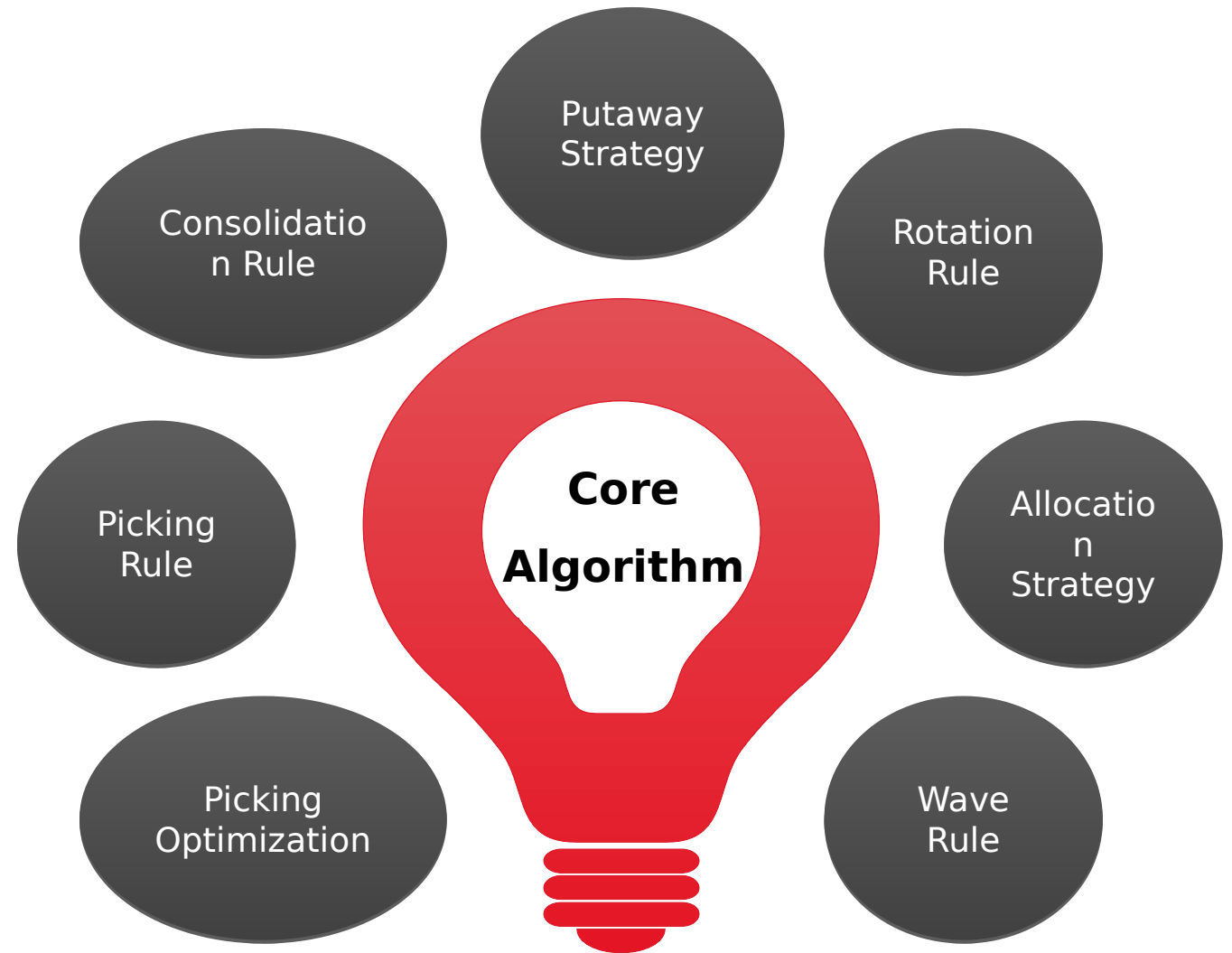


HONEYWELL WMS ON WEB & MOBILE APPLICATION



SIMPLIFY THE COMPLICATED

Complicated Algorithm
Simple Operation



HIGH CONFIGURABILITY – GUI FORM

The screenshot displays the Honeywell WMS Function Config-PO interface. The top navigation bar includes the Honeywell WMS logo, a menu icon, the title 'PO Function Config-PO', and user information 'Manufacture Full Access U'. Below the navigation bar, a 'Scheme Selection' section shows 'MFG Purchase Order' as the selected scheme, with options for 'Application Warehouse' (Manufacturing Warehouse), 'Application Role' (WMS Basic Role,MFG II), and buttons for 'Save Scheme', 'Refresh Scheme', and 'Restore Default'.

The main interface is divided into three tabs: 'Data Source', 'UDF Grid', and 'UDF Form'. The 'UDF Form' tab is active, showing a 'Design Area' with a 'Restore Default' button and a '+ Add' button. The design area is organized into a grid of fields:

Main Info				
PONO	PO Status	PO Type	PO Creation Time	Warehouse ID
Customer ID	Customer Descr	Release Status	Expected Arrive Time 1	Expected Arrive Time 2
PO Reference1	PO Reference2	PO Reference3	PO Reference4	PO Reference5

On the left side of the 'UDF Form' tab, there is a 'Function Items' list with 'Query Condition', 'More Query Condition', 'Header Editor Form', and 'Detail Editor Form'. Below this is an 'Available Fields' section with a 'Fuzzy Retrieval' search bar and a list of fields including 'bas1(Customer Info)', 'h1(Purchase Order Info)', 'h2(SYS Code Details Multi-I)', 'h3(BSM_CODE_ML)', 'h5(BSM_CODE_ML)', and 'h6(SYS Code Multi-Langua)'.

A red callout box with a lightbulb icon highlights the following capabilities:

- Re-layout standard forms
- Add or delete control objects
- Add various field controls
- Add customized new functions

RF CONFIGURABILITY - FUNCTIONALITY

The image displays three screenshots of the RF configurability interface, illustrating its functionality and user experience.

- Targeting for Ultimate User Experiences
- Standard HTML5 Component
- Support Android & Wifi Printing



HIGH SCALABILITY – DOCUMENT

The screenshot displays the Report Designer application window. The main workspace shows a report template titled 'ASN Check Sheet' with a grid layout. The report includes a header section with the Honeywell logo and a report title. Below the header, there are fields for Warehouse ID, Customer ID, PO Number, Date, and Remarks, each with a corresponding data source. A barcode is also present. The report is divided into sections: ReportHeader, DetailGrid, and PageFooter. The DetailGrid contains a table with columns for No, SKU, SKU Description, RECQTY, and PAC. The PageFooter shows the page number and system information.

Grid++

- Design as per requirement
- Online or offline editing
- Design on format templates
- Support watermark
- Support combination documents
- Support sub-templates
- customer / consignee / carrier etc.

The right-hand pane shows the design properties for the selected element, 'PageFooter'. The properties include:

- Design**: Lock (Inherited)
- Layout**: Height (0.79)
- Appearance**: BackColor (White), Font (SimSun(10.5))
- Data**: Bookmark Text
- Action**: Visible (True)
- Script**: FormatScript
- Misc**

HOW WMS HELP?

Inbound

- ASN
- Receiving
- QC
- Return
- Storage Strategy
- Putaway
- Lot Attribute Tracking

Inventory Control

- Multi Warehouse
- Single Warehouse
- Location
- Cycle Count
- Inventory Status
- Inventory Analysis

Outbound Process

- Shipment Order
- Wave
- Picking Strategy
- Sorting
- Checking
- Packing
- Consolidation
- Shipment

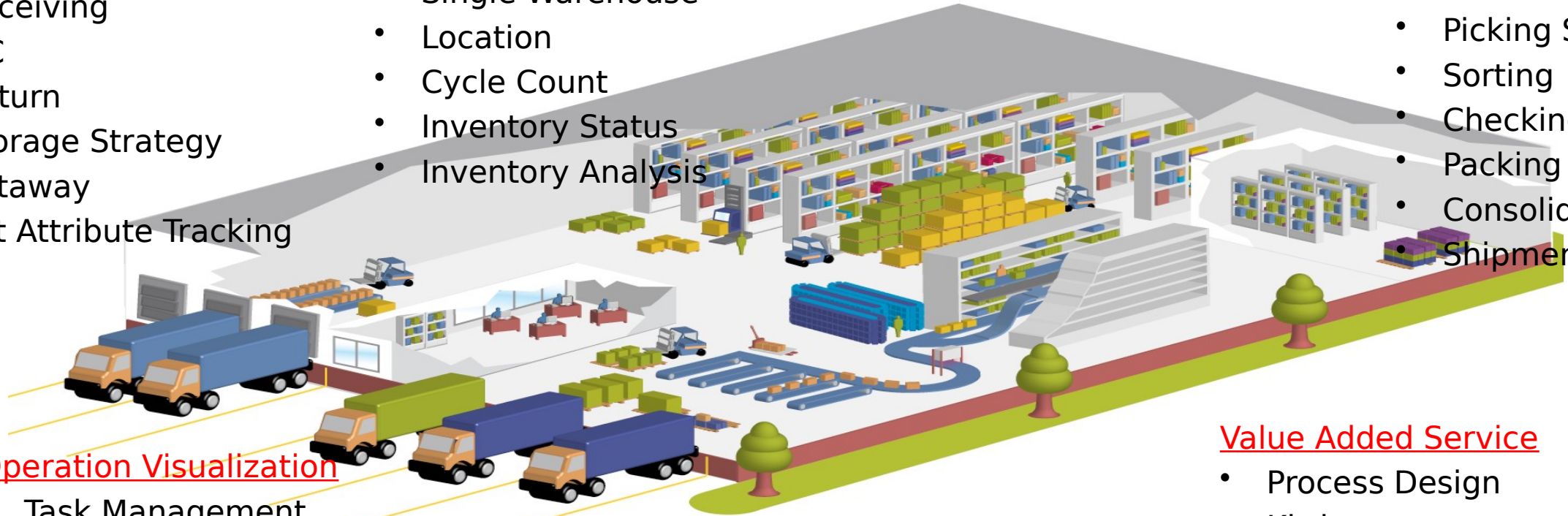
Operation Visualization

- Task Management
- KPI Management
- Operation Monitoring Management
- KPI Report

- ✓ Multi Stock Condition
- ✓ Visualization
- ✓ Multi Business Process

Value Added Service

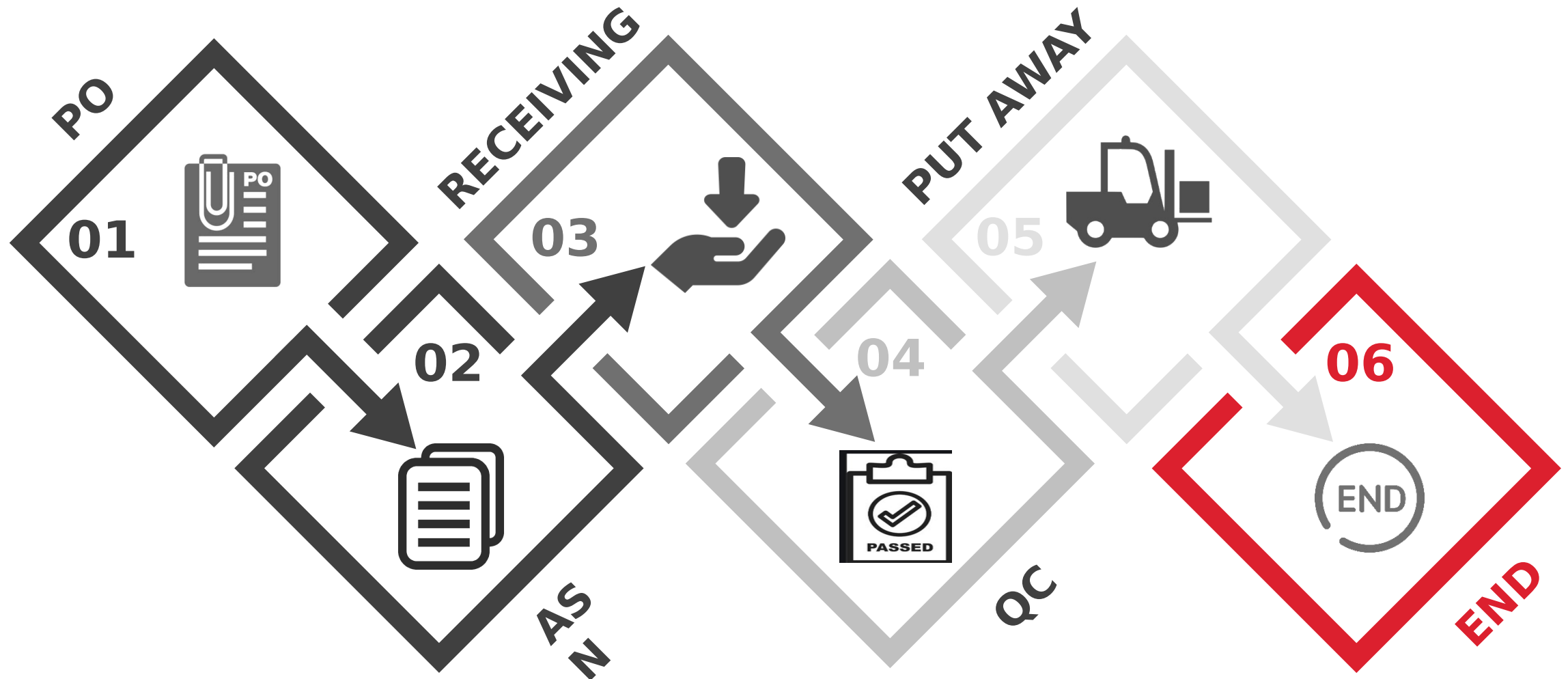
- Process Design
- Kitting
- Packing Material
- Return Management



HLS WMS

Honeywell

INBOUND PROCESS



INBOUND RECEIVING

CROSS DOCK

- ➔ Replenishment order
- ➔ Pre pack order
- ➔ Put to order for normal Distribu



FULL
CARTON

- ➔ Normal Distribution
- ➔ Ecommerce Inventory
- ➔ Import



MIX SKU

- ➔ Accessories
- ➔ Loose pieces
- ➔ Return from Shop



Receive by carton, scan the LPN and trigger the carton contents

[illegible]

Easy Receiving			
[0]Sku			
CK2020002			
Sku Descr			
CHICKEN BREAST 5 KG			
Pack Id	ExpectedQty	ReceivedQty	
HLS_CK2020002	10	0	
RCVD_QTY	Uom	RCV_LOC	
	CS	☒ STAGEVHCPT01	
Reject Qty	Reject Reason	To Trace Id	
0	--	☒	
Medical Manufacturer			
Spec	Approval Number	THI	

Receive by SKU and it can be scan pieces by pieces

QUALITY CHECK

INBOUND QC

- ➔ Check the material
- ➔ Check the sizes
- ➔ Check defects



RETURN QC

- ➔ Check defects
- ➔ Grading



EC RETURN QC

- ➔ Check defects
- ➔ Check Counterfeit
- ➔ Grading



Detail inspection task

Honeywell WMS

ASN SKU Quality Check

Form Details

QCNO QC Type QC Status ASNVO

QC0014 Common Created ASN2020111900001

Collar Length Button Size Sleeve size Material Label tags

Add Who H322486

Edit Who

Order Details Transaction

QC LineNO Line Status SKU ASN QTY Expected QC QTY Expected QC QTY Completed QC QTY Sample Trace ID UDF01 UDF02

1 Created 332222 10 1 0 0

ALL MEASUREMENTS IN 1/2						BASE
POINT OF MEASUREMENTS (POM)		TOL (+/-)	12	14	16	18
1	NECK WIDTH FROM EDGE TO EDGE (Shldr Forward 1/2")	1/4	10	10 1/4	10 1/2	10 3/4
2	FRONT NECK DROP FROM HPS	1/4	4 3/8	4 1/2	4 5/8	4 3/4
3	BACK NECK DROP FROM HPS	1/4	4 1/8	4 1/4	4 3/8	4 1/2
4	SHOULDER WIDTH FROM EDGE TO EDGE EACH SIDES	1/8	1 3/4	1 3/4	1 3/4	1 3/4
5	ACROSS FRONT @ 5" FROM HPS	1/4	12	12 3/8	12 3/4	13 1/8
6	FRONT YOKE WIDTH -ALONG SEAM	1/4	13 1/8	13 1/2	13 7/8	14 1/4
7	CHEST 1" BELOW ARM EXTEND	1/4	20 1/4	21	21 3/4	22 1/2

PUTAWAY

ABC

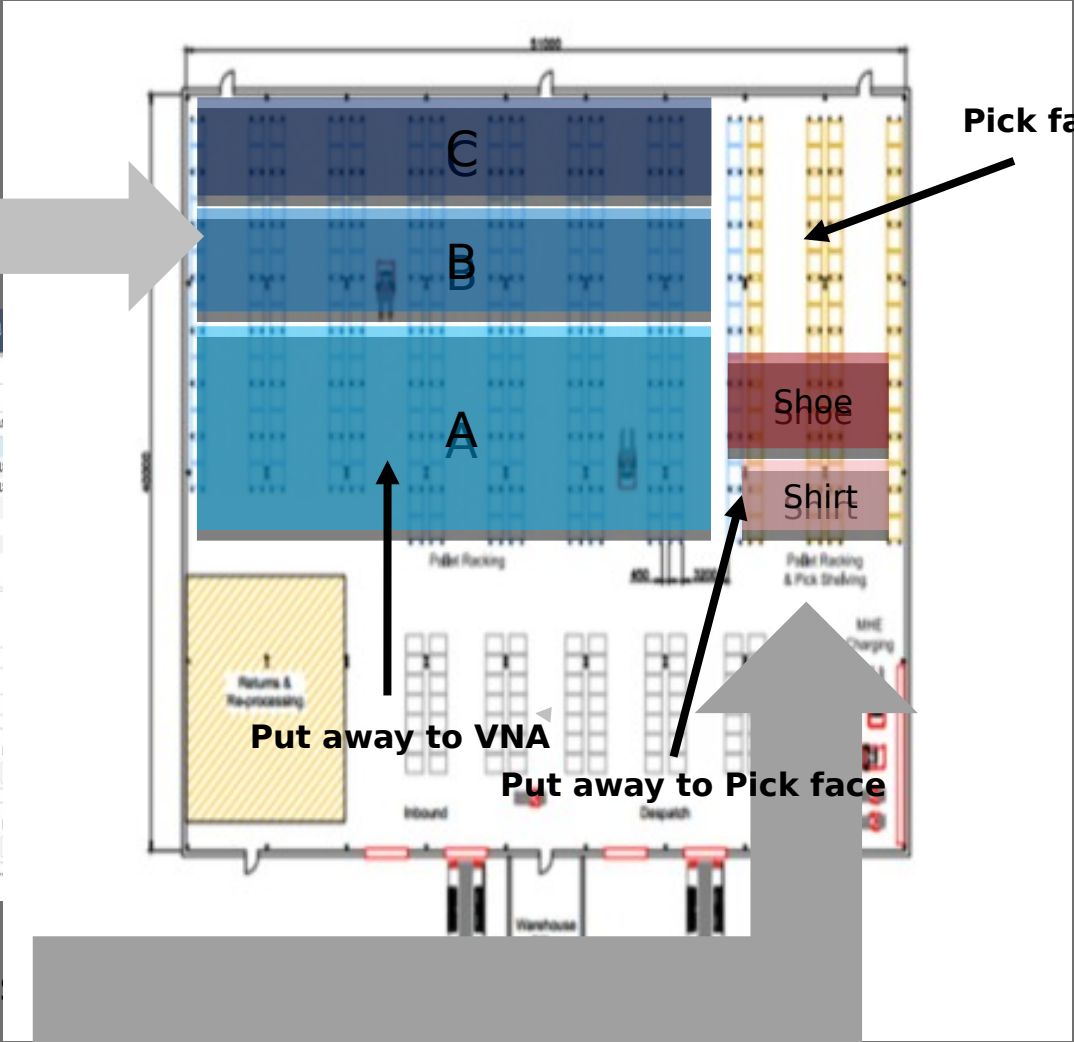
PUTAWAY
TO
PICKFACE

Zone

- Zone A □ New SKU for distribution
- Zone B □ Replenishment SKU in carto
- Zone C □ Return & Off- season

- ➔ Replenishment item
- ➔ Ecommerce

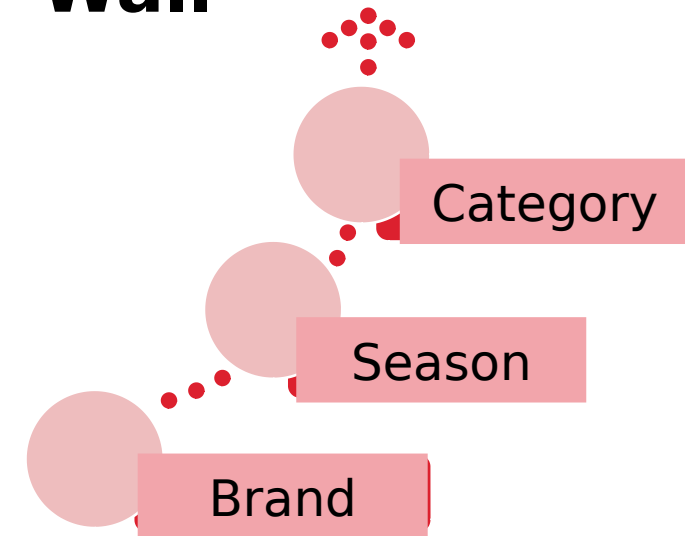
- ➔ Different Brand
- ➔ Different Category, Shirt/Pants, Shoe, Accessory

[illegible]

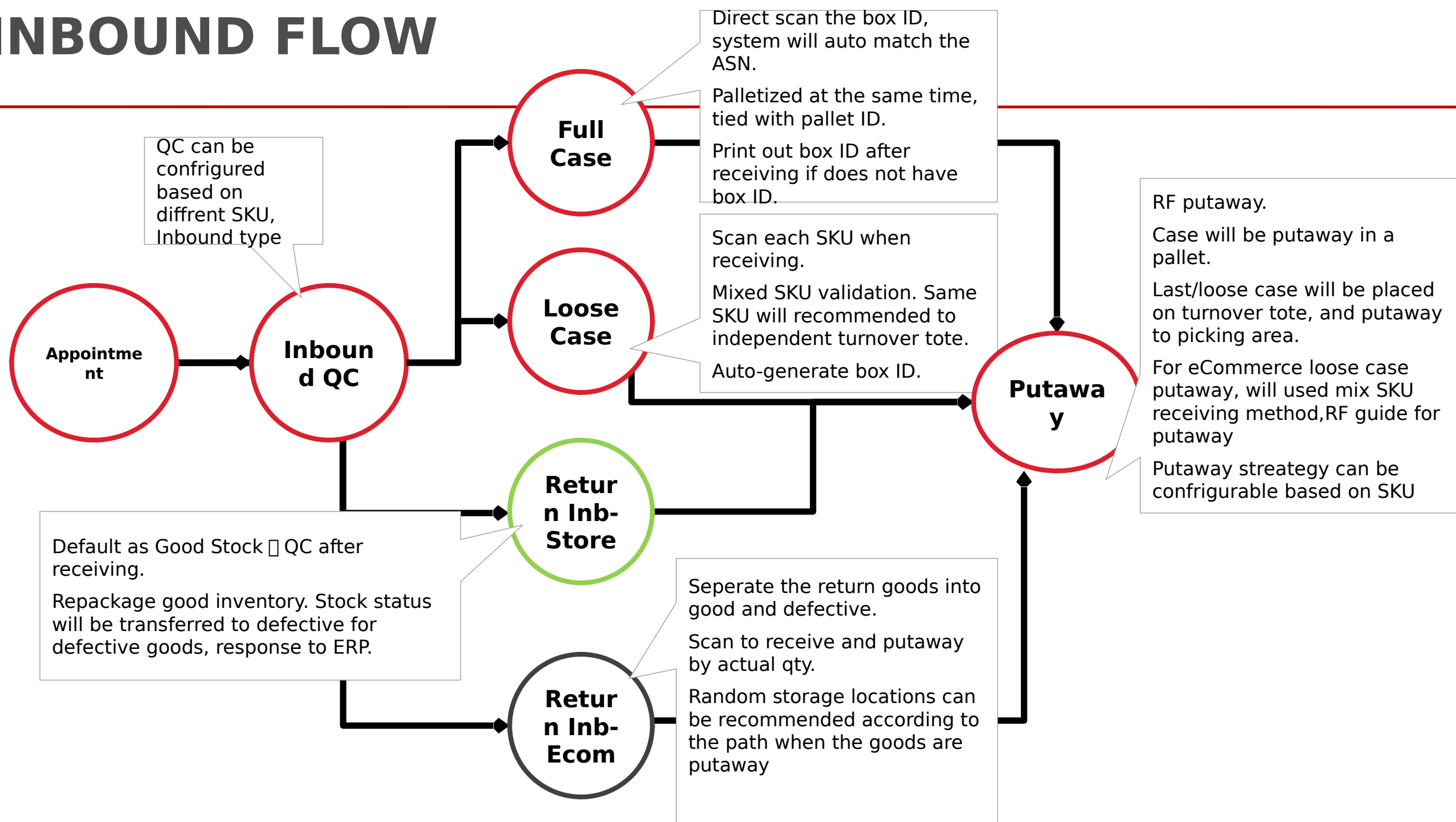
IMPROVE RETURN EFFICIENCY THROUGH MULTIPLE LEVEL SORTING



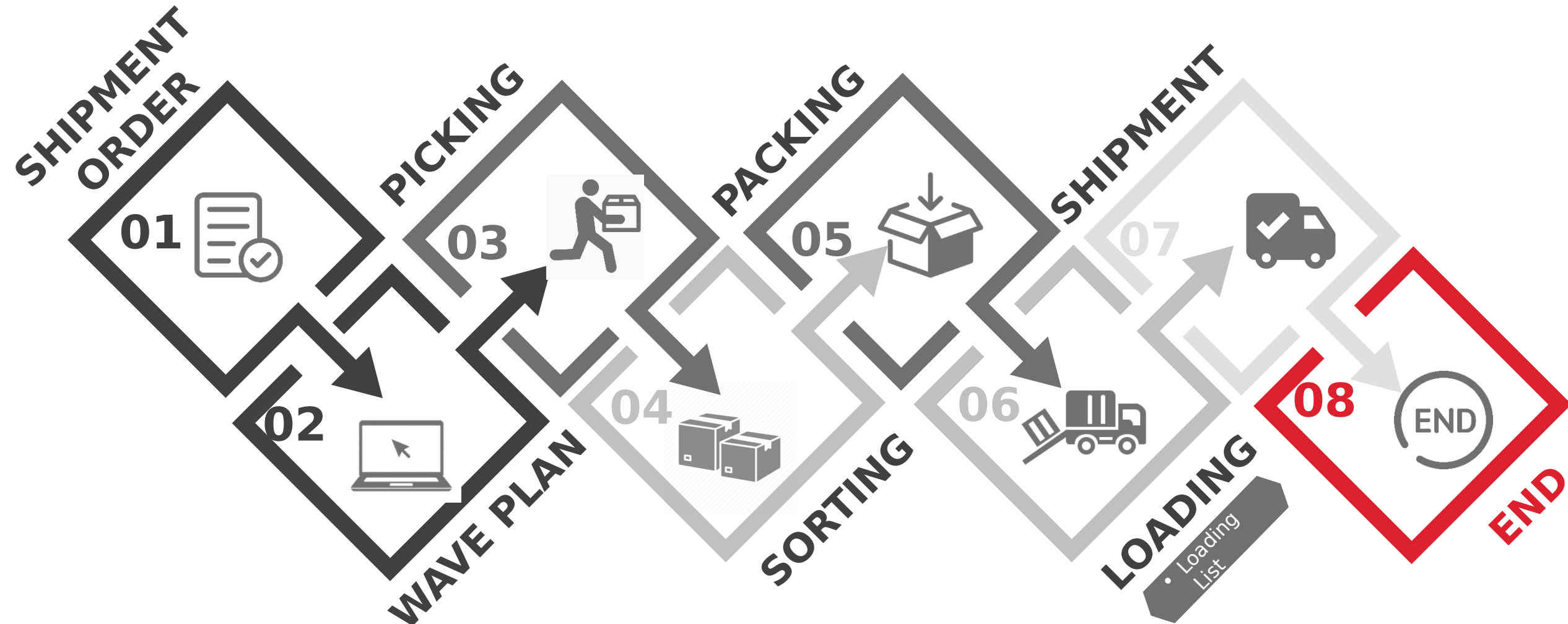
Sorting Wall



INBOUND FLOW



OUTBOUND PROCESS



WAVE PLANNING

- Combine orders with similar operational properties or logical relationship into a lot for picking
- The logical combination can be triggered by a timer or pre-set conditions
- For different business process, WMS system will provide various wave-pick optimization strategy

Configurable interface

Multiple combinations of wave-pick strategy

Can turn on/off based on actual conditions

Timer controlled wave pick intervals

✓ Configuration Options

1. Carrier
2. Delivery Method
3. Sales Order type
4. Sales Order priority
5. Sales Order status
6. Route
7. Number of fixed consignees
8. Upper & Lower limit of Sales Order volume
9. Weight, Volume Limit
10. Sort / No Sort
11. Individual Item order

✓ Dock consideration

- ✓ **Balancing store needs**

Wave Plan Rule

Manufacture Full Access User [Manufacturing Warehouse]

Main InfoOrder FilterTime FrequencyUser-definedOther

Wave Rule

WR_MF1_SINGLE_SKU

☒ Activate

☐ Inactive

☐ To Activate One

Wave Descr

MF1 Single SKU Wave Rule

SEQNO

Warehouse ID

MFG

Customer ID

MF1

Carrier ID

...

Priority

3

Allocation Rule

...

Order Type

Transfer Order

SO Status

Allocated

Transportation

...

Route

...

Single Match

Single Item

Add Sow TO

No PTL tasks

Assorting Type

...

Optimize Type

...

SKU Combination

NO Combination

Last Wave Time

...

Wave Count

...

Unit Count

...

☐ AuDispatch TO

☐ Pick Light TO

☐ Link Carton

NEW ITEM DISTRIBUTION (1ST PUSH)



Honeywell WMS

WaveNO: W0000003 Put Wall Type: MFG_PW040A Descr: Put to Wall Demo A

SKU	Total Qty	Put to Qty	Balance Qty	Carton Box No	SKU Descr
MF1-SKU-011	7	2	5		MF1-SKU-011-Descr1
MF1-SKU-012	14	1	13		MF1-SKU-012-Descr1
MF1-SKU-013	6	2	4		MF1-SKU-013-Descr1
MF1-SKU-015	7	5	2		MF1-SKU-015-Descr1

A001	A002	A003	A004	A005	A006	A007	A008
A009	A010	A011	A012	A013	A014	A015	A016
A017	A018	A019	A020	A021	A022	A023	A024
A025	A026	A027	A028	A029	A030	A031	A032
A033	A034	A035	A036	A037	A038	A039	A040

Total SKU (Wave): 10 Total Qty (Wave): 80 Scanned Qty (Wave): 18 Scanned Qty (Order):

SKU: MF1-SKU-013-Descr1

Buttons: Full Case, Pack Label, Options, Lock SKU

Batch Picking/ Pallet Laydown/
Case Pick



De-Carton



Sorting



Packing



PICKING INDICATOR

- ➔ Limited location and Mix SKU to single pick location
- ➔ Picker may take time to find the right SKU
- ➔ Indicator and detail information can save time for picker

Integrate the SKU detail from ERP when SO
send over to WMS

WMS will capture the SKU detail in SO

SKU details will capture in picking task and
show in RF

Indicator in the RF to easy the picker to pick the right item quickly



Order Picking	
Expiration Date	Receiving Date
YYYY-MM-DD	2020-10-08
Color	Material
Size	
Confirm	
Cancel	



PACKING AND CHECKING

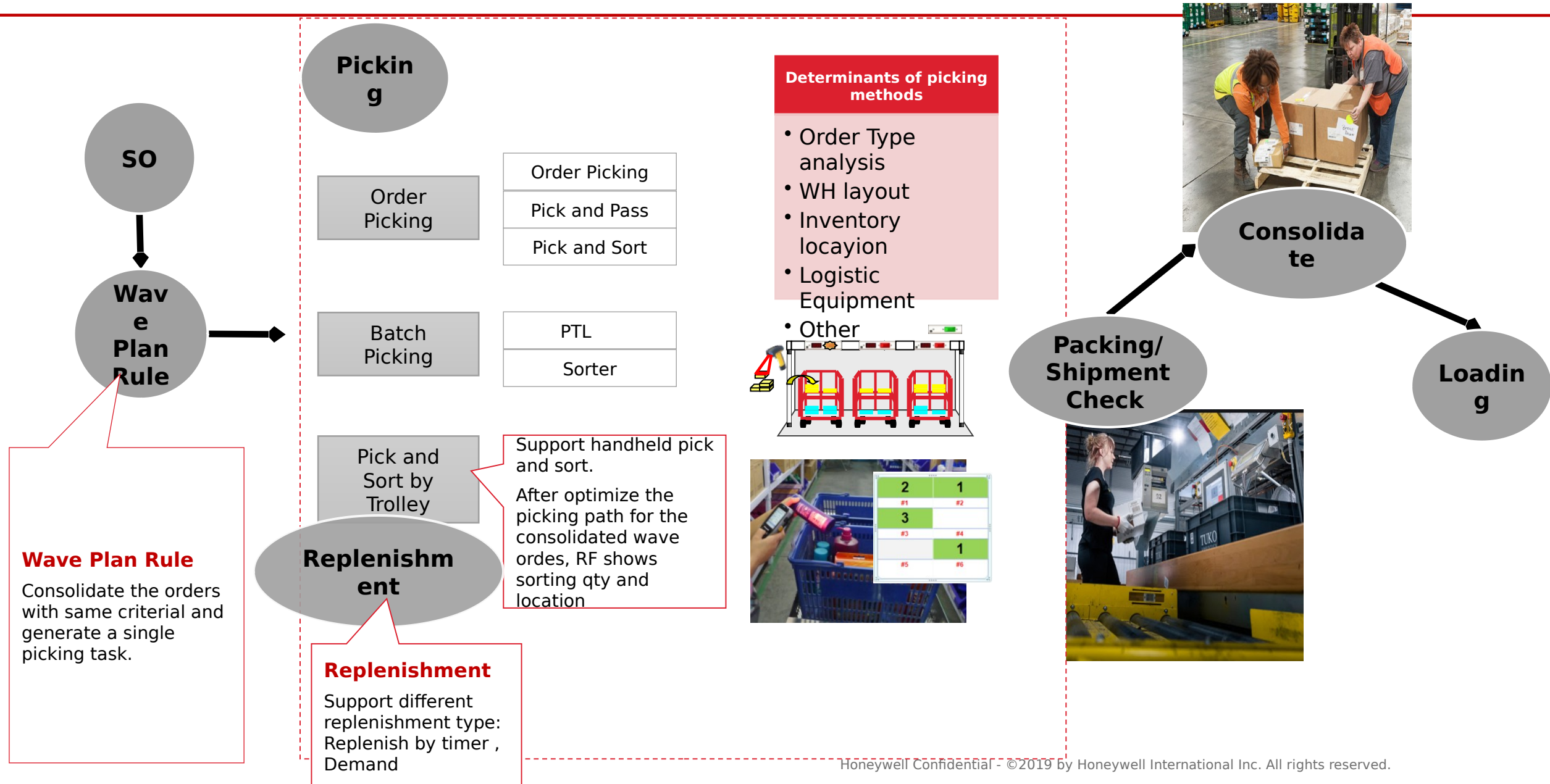
Job Mode Standard Job Mode	OrderNO SO000001	Consignee Name MF1 Trasnsition Room 1	Reset																				
☐ ↑ SKU <table border="1"> <thead> <tr> <th>SKU</th> <th>SKU Descr(L)</th> <th>Pack Flag</th> <th>Allocation QTY</th> <th>Uncheck QTY</th> </tr> </thead> <tbody> <tr> <td>☐ MF1-SKU-012</td> <td>MF1-SKU-012-Descr1</td> <td>N</td> <td>12</td> <td>0</td> </tr> <tr> <td>☐ MF1-SKU-013</td> <td>MF1-SKU-013-Descr1</td> <td>N</td> <td>17</td> <td>17</td> </tr> <tr> <td>☐ MF1-SKU-019</td> <td>MF1-SKU-019-Descr1</td> <td>N</td> <td>8</td> <td>0</td> </tr> </tbody> </table>				SKU	SKU Descr(L)	Pack Flag	Allocation QTY	Uncheck QTY	☐ MF1-SKU-012	MF1-SKU-012-Descr1	N	12	0	☐ MF1-SKU-013	MF1-SKU-013-Descr1	N	17	17	☐ MF1-SKU-019	MF1-SKU-019-Descr1	N	8	0
SKU	SKU Descr(L)	Pack Flag	Allocation QTY	Uncheck QTY																			
☐ MF1-SKU-012	MF1-SKU-012-Descr1	N	12	0																			
☐ MF1-SKU-013	MF1-SKU-013-Descr1	N	17	17																			
☐ MF1-SKU-019	MF1-SKU-019-Descr1	N	8	0																			
SKU QTY MF1-SKU-013 17 LOTNUM UOM 0000178 EA SKU Descr(L) MF1-SKU-013-Descr1																							
LOTATT Receiving Date Cust. SKU PO# Batch Lot Damage 2019-01-06																							

New CartonNO SO000001#007	Change C...	Clear	⌵													
Carton ID Case Size 3 Lock Cart...	Total QTY 37	Checked Q... 0	Uncheck Q... 37	Current Pa... 20												
☐ SKU <table border="1"> <thead> <tr> <th>SKU</th> <th>SKU Descr(L)</th> <th>QTY</th> <th>Allocation Deta...</th> </tr> </thead> <tbody> <tr> <td>☐ MF1-SKU-019</td> <td>MF1-SKU-019-Descr1</td> <td>8</td> <td>0000003</td> </tr> <tr> <td>☐ MF1-SKU-012</td> <td>MF1-SKU-012-Descr1</td> <td>12</td> <td>0000001</td> </tr> </tbody> </table>					SKU	SKU Descr(L)	QTY	Allocation Deta...	☐ MF1-SKU-019	MF1-SKU-019-Descr1	8	0000003	☐ MF1-SKU-012	MF1-SKU-012-Descr1	12	0000001
SKU	SKU Descr(L)	QTY	Allocation Deta...													
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☐ MF1-SKU-012	MF1-SKU-012-Descr1	12	0000001													

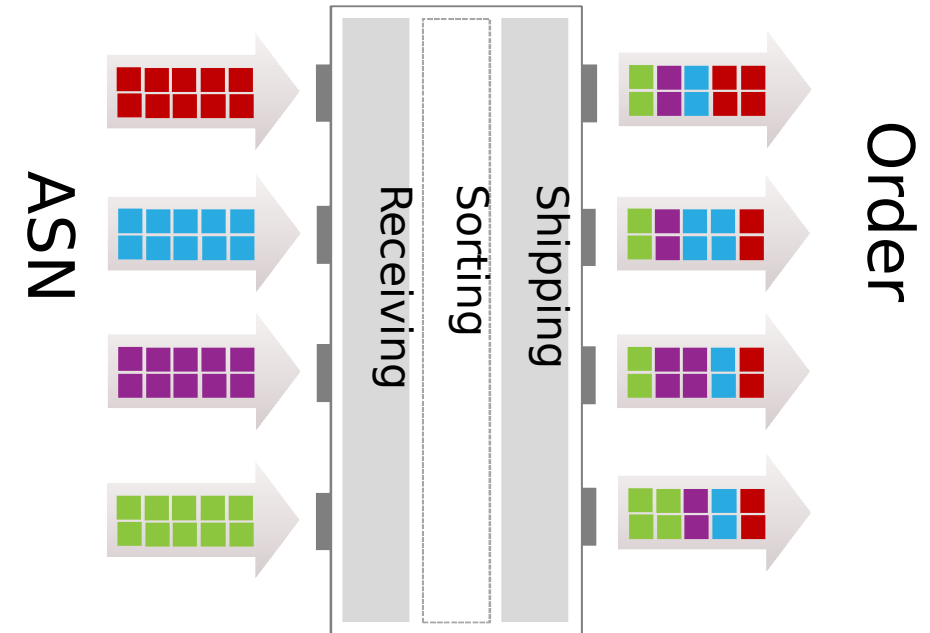
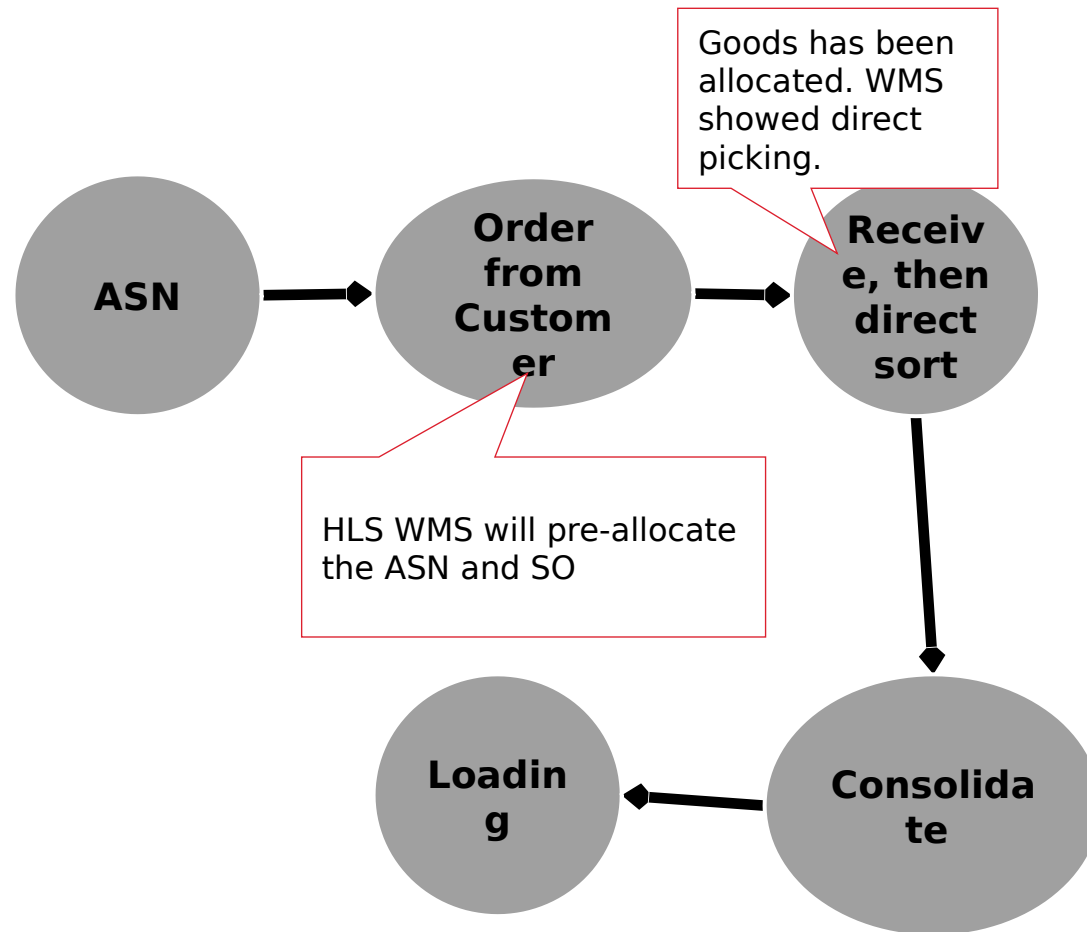
HoneywellWMS		Packing List						
Packing List #:		 SO000001						
		Consignee ID: MF1_TRS01 Consignee Name: MF1 Trasnsition Room 1 Address: Contact: Telephone:						
SN	Order No	Case No	SKU	Description	Qty	UOM	Cubic	Weight
1	SO000001	SO000001#007	 MF1-SKU-012	MF1-SKU-012-Descr1	12	EA	0.0824	8.64
2	SO000001	SO000001#007	 MF1-SKU-013	MF1-SKU-013-Descr1	17	EA	0.068	11.05
3	SO000001	SO000001#007	 MF1-SKU-019	MF1-SKU-019-Descr1	8	EA	0.0133	4.08

- Checking & Packing at the same time to improve work efficiency
- Support capturing Serial No during checking instead of picking to reduce picking time and inconvenience
- Flexible checking by different UOMs
- Print Packing Label and List after checking

OUTBOUND FLOW



OUTBOUND PROCESS - CROSSDOCK



CrossDock model suitable for □

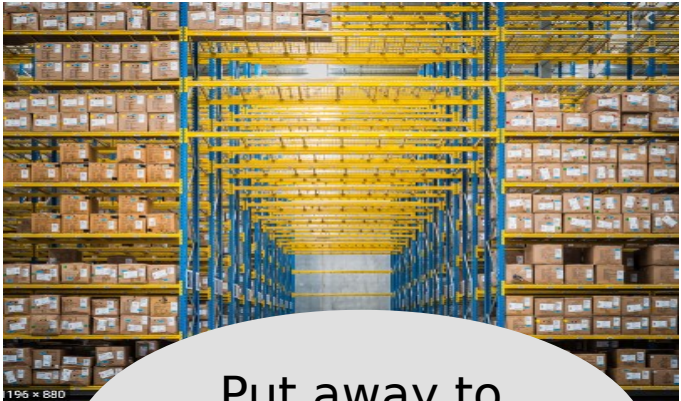
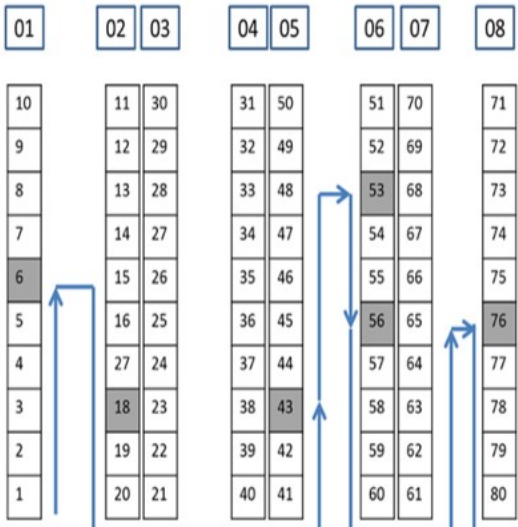
- Factory-Shop/Dealer order
- Replenishment order

DESLOT/HOUSEKEEPING

OFF SEASON ITEM LOCATION REPORT								
No	SKU	Desc	Season	QTY	Color	Size	Material	Location
1	2211191010	White Shirt	1802	2	White	L	Cotton	AA-01-1A
2	2211191010	White Shirt	1802	5	White	L	Cotton	AB-01-2C
3	2211191010	White Shirt	1802	3	White	L	Cotton	AB-02-2C
4	2211191010	White Shirt	1802	10	White	L	Cotton	AB-02-6D
5	2211191010	White Shirt	1802	2	White	L	Cotton	AB-02-6F
6	2211191010	White Shirt	1802	1	White	L	Cotton	AB-03-1A
7	2211191010	White Shirt	1802	8	White	L	Cotton	AC-01-2H
8	2211191010	White Shirt	1802	4	White	L	Cotton	AC-02-2H
9	2211191010	White Shirt	1802	4	White	L	Cotton	AC-05-2H
10	2331112123	Long pants	1904	4	Blue	S	Jeans	AA-01-1A
11	2331112123	Long pants	1904	4	Blue	S	Jeans	AB-01-2C
12	2331112123	Long pants	1904	3	Blue	S	Jeans	AB-02-2C
13	2331112123	Long pants	1904	5	Blue	S	Jeans	AB-02-6D
14	2331112123	Long pants	1904	5	Blue	S	Jeans	AB-02-6F
15	2331112123	Long pants	1904	1	Blue	S	Jeans	AB-03-1A

Generate off season item report

De-slot from pick location

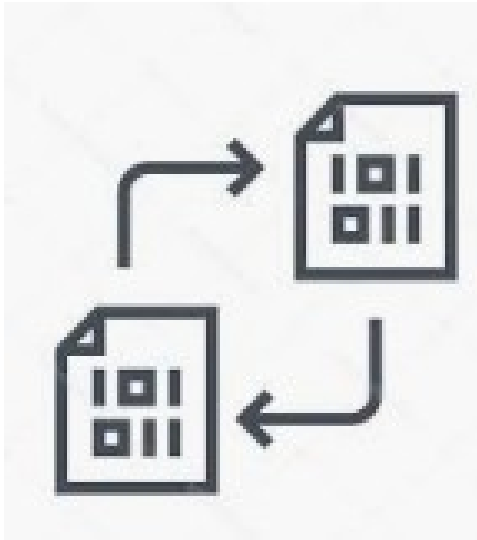


Put away to slow moving zone



Outbound to outlets

Inventory Transfer



- Ownership
- Stock status
- Lot information
- QTY
- Superior to approve
- Audit Trail for all action and transaction

Stock Take



#STOCKTAKING



By Handheld



By stock take list



Yearly Full Count



ABC Count



Movement Count

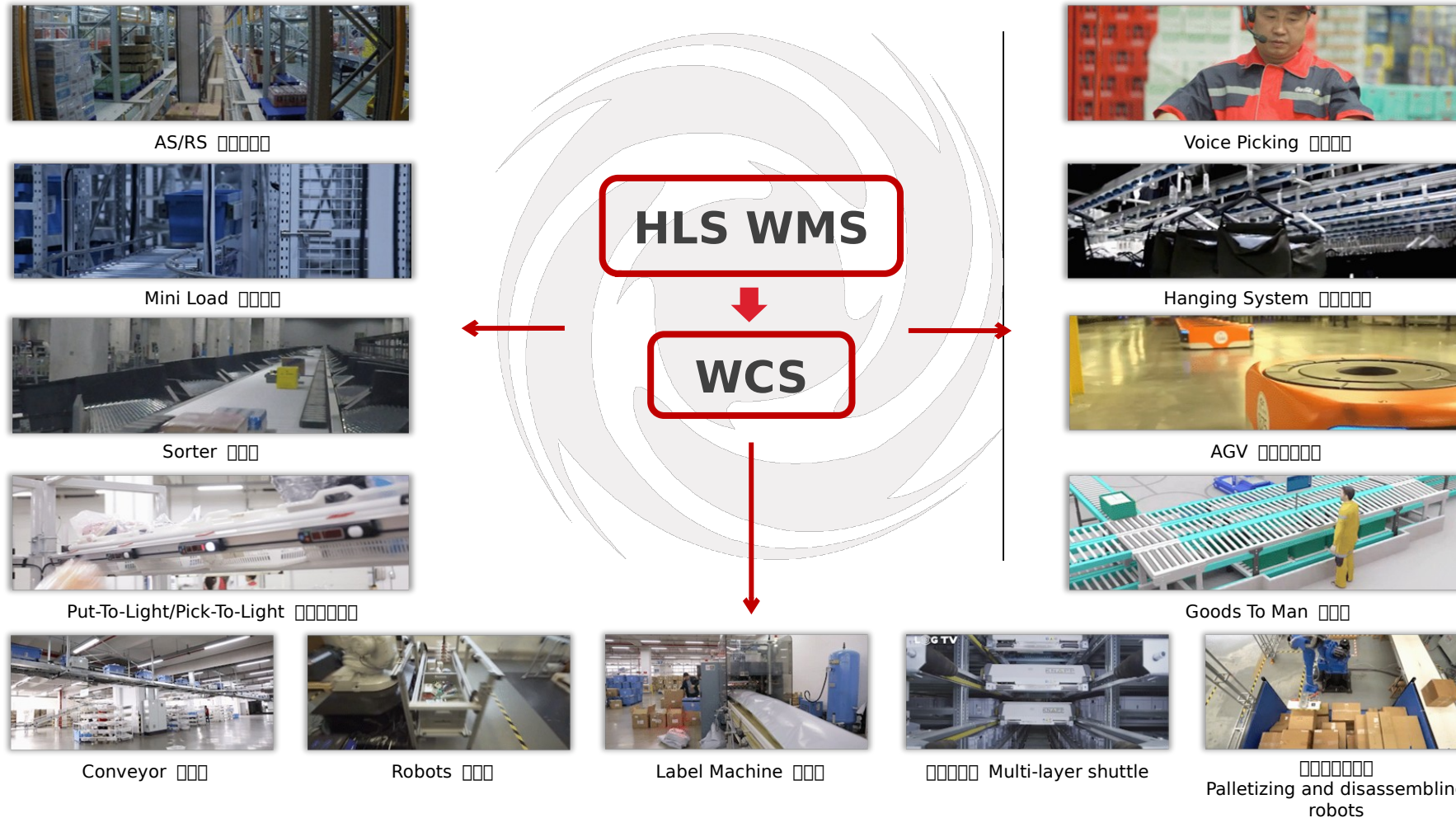


Shortage Count

INTEGRATION

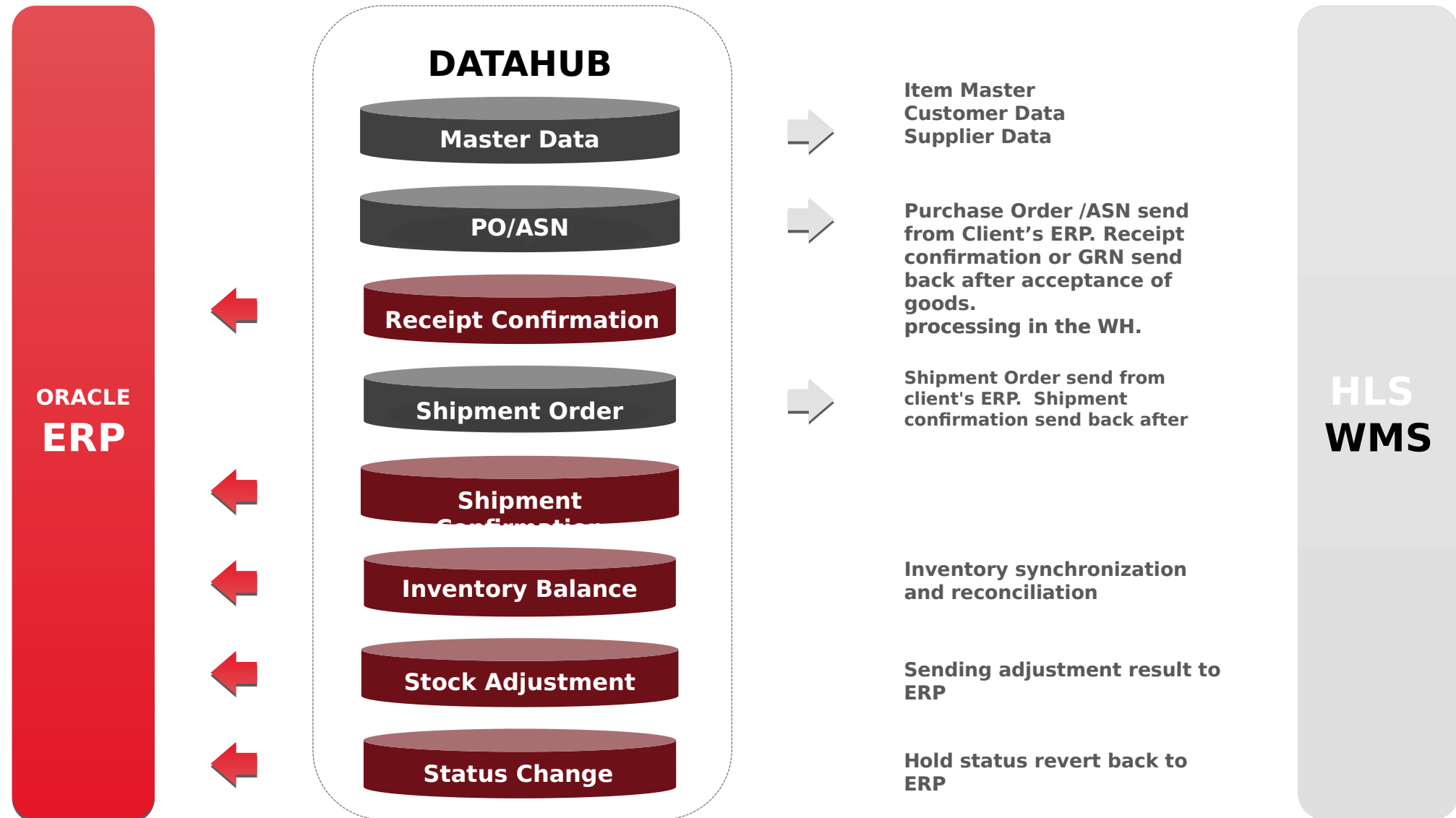
Honeywell

DIFFERENTIATION - HONEYWELL WMS AND MHE INTEGRATION



- ASRS
- Miniload
- Conveyor
- Sorter
- AGV
- Multi-layer Shuttle
- Robot
- Auto Palletizer
- Dynamic Weighting
- 3D measurer
- Voice
- Pick/Put To Light
- RFID
- Video / OCR
- Labeling

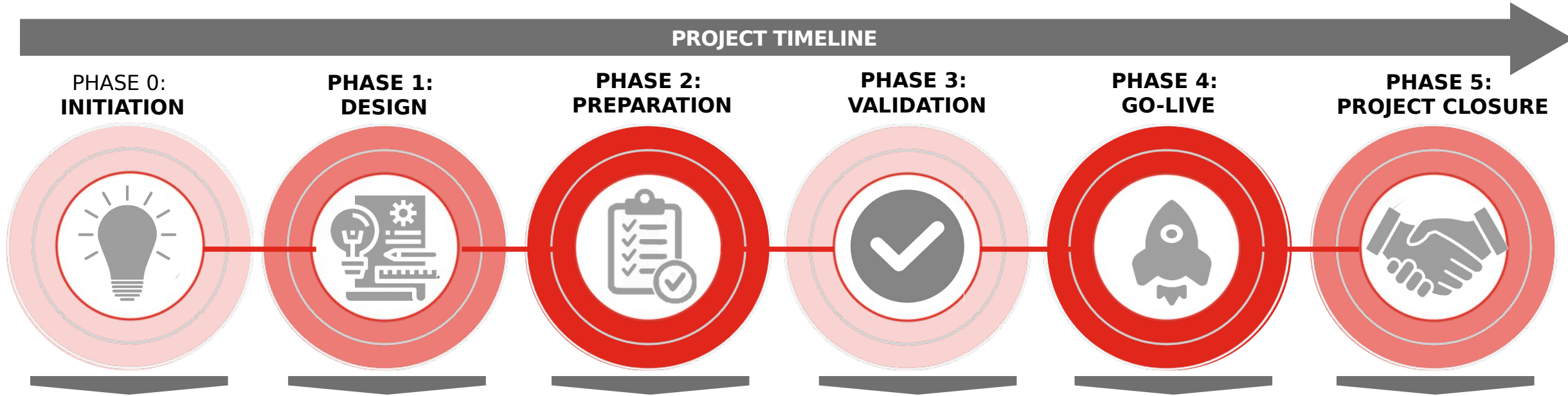
INTEGRATION WITH 3RD PARTY SYSTEM



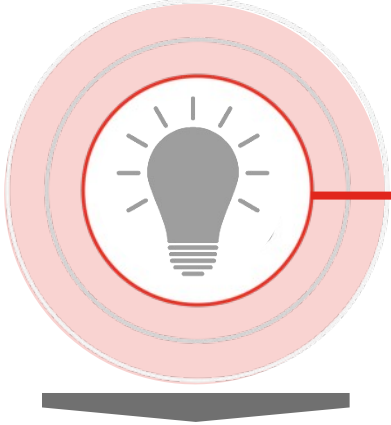
PROJECT MANAGEMENT FRAMEWORK

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HONEYWELL RESULT-DRIVEN METHODOLOGY



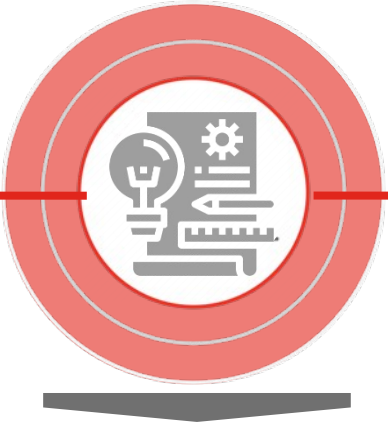
PHASE 0: INITIATION



- Agreement
- Scope of Work
- Transition To Project team
- Review of SOW
- Project Plan

Sales -Project Team

PHASE 1: DESIGN



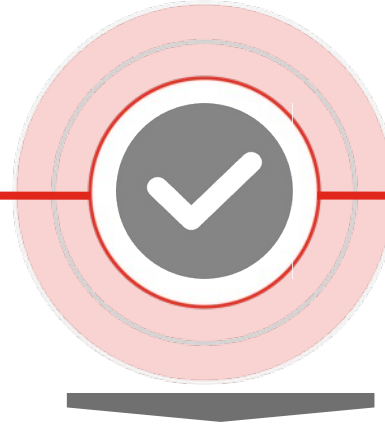
- Kick of Meeting
- Formation of Project Team
- System Overview Training
- Functional design
- Gap Analysis
- Design Audit Internal
- Functional Design Review
- Functional Blueprint sign off
- Technical Design

PHASE 2: PREPARATION



- Functional Configuration
- Testing Of Configuration
- Customization if required
- Technical Design and Testing
- Volume Testing
- User Guide Manual

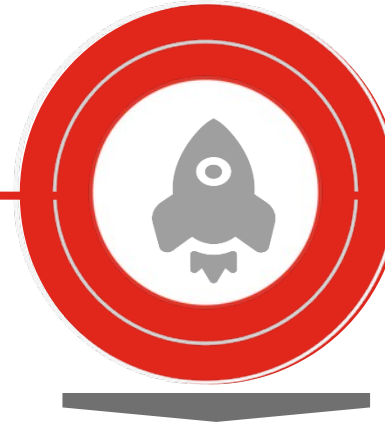
PHASE 3: VALIDATION



- Key User Training
- System Integration Testing (SIT)
- User Acceptance Test (UAT)
- Change Request
- Risk Assessment
- Change Request
- **UAT Sign Off**
- **SIT Sign Off**

Project Team

PHASE 4: GO-LIVE



- Cut off Plan
- Migration Plan
- Data Conversion
- Site Readiness
- Pre Go Live Data Conversion
- GO-LIVE
- **Go Live Sign Off**
- Onsite Support
- Issue List

PHASE 5: PROJECT CLOSURE



- Environment Set up
- Handover To CSO
- Issue List
- Guidelines how to raise issue to CSS

Project Support Team



4. QUESTION & ANSWER

Honeywell

THANK YOU.

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